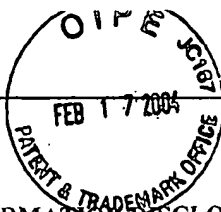


FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501147.02 (30119/US/2)APPLICATION NO.
10/712,851

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Shane Ching-Feng HuFILING DATE
November 12, 2003GROUP ART UNIT
Not Yet Assigned 2818

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| W | AA | 5,111,427 | 05/05/92 | Kobayashi et al. | 365 | 49 | |
| W | AB | 5,130,945 | 07/14/92 | Hamamoto et al. | 365 | 49 | |
| W | AC | 5,740,097 | 04/14/98 | Satoh | 365 | 49 | |
| W | AD | 6,147,891 | 11/14/00 | Nataraj | 365 | 49 | |
| W | AE | 6,154,384 | 11/28/00 | Nataraj et al. | 365 | 49 | |
| W | AF | 6,181,591 B1 | 01/30/01 | Miyatake et al. | 365 | 49 | |
| W | AG | 6,188,594 B1 | 02/13/01 | Ong | 365 | 49 | |
| W | AH | 6,373,738 B1 | 04/16/02 | Towler et al. | 365 | 49 | |
| W | AI | 6,430,073 B1 | 08/06/02 | Batson et al. | 365 | 49 | |
| W | AJ | 6,483,733 B2 | 11/19/02 | Lines et al. | 365 | 49 | |
| W | AK | 6,538,947 B2 | 03/25/03 | Ahmed et al. | 365 | 207 | |
| W | AL | 2002/0044475 A1 | 04/18/02 | Lines et al. | 365 | 49 | |
| W | AM | 2002/0067632 A1 | 06/06/02 | Batson et al. | 365 | 49 | |
| W | AN | 2002/0181264 A1 | 12/05/02 | Yanagawa | 365 | 49 | |
| W | AO | 2003/0097605 A1 | 05/22/03 | Sharma et al. | 714 | 1 | |
| W | AP | 2003/0137890 A1 | 07/24/03 | Vlasenko et al. | 365 | 207 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

V. Nguyen

DATE CONSIDERED

12/15/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501147.02 (30119/US/2)APPLICATION NO.
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Shane Ching-Feng HuFILING DATE
November 12, 2003GROUP ART UNIT
2818

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|--------------|-------|----------|-------------------------------|
| W | AA | 6,240,003 B1 | 05/29/01 | McElroy | 365 | 49 | — |
| W | AB | 6,707,694 B2 | 03/16/04 | Regev | 365 | 49 | — |
| W | AC | 6,744,654 B2 | 06/01/04 | Loughmiller | 365 | 49 | — |
| W | AD | 6,751,110 B2 | 06/15/04 | Hu | 365 | 49 | — |
| W | AE | 6,781,856 B2 | 08/24/04 | Regev et al. | 365 | 49 | — |
| W | AF | 6,819,578 B2 | 11/16/04 | Regev | 365 | 49 | — |
| | AG | | | | | | |
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

V. Nguyen

DATE CONSIDERED

12/5/09

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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|---|--|--|--|---|--|---|--|
| FORM PTO-1449 (REV. 7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 501147.02 (30119/US/2) | | APPLICATION NO. Not Yet Assigned | |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | | APPLICANT(S) Shane Ching-Feng Hu | | 10/712, 851 | |
| | | | | FILING DATE Concurrently herewith | | GROUP ART UNIT Not Yet Assigned 2818 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
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| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | | |
| | | | | | YES | NO | |
| AI | | | | | | | |

| OTHER PRIOR ART <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small> | | |
|---|----|---|
| W | AJ | Ikenaga, T. et al., <i>A Fully Parallel 1-Mb CAM LSI for Real-Time Pixel-Parallel Image Processing</i> , IEEE Journal of Solid-State Circuits, Vol. 35, No. 4, April 2000, pp. 536-544. |
| W | AK | Lines, V. et al., <i>66MHz 2.3M Ternary Dynamic Content Addressable Memory</i> , IEEE, May 2000, pp. 101-105. |
| W | AL | Mundy, J. L. et al., <i>Low-Cost Associative Memory</i> , IEEE Journal of Solid-State Circuits, Vol. SC-7, No. 5, October 1972, pp. 364-369. |
| W | AM | Shafai, F. et al., <i>Fully Parallel 30-MHz, 2.5-Mb CAM</i> , IEEE Journal of Solid-State Circuits, Vol. 33, No. 11, November 1998, pp. 1690-1696. |
| W | AN | Tamura, L. R. et al., <i>A 4-ns BiCMOS Translation-Lookaside Buffer</i> , IEEE Journal of Solid-State Circuits, Vol. 25, No. 5, October 1990, pp. 1093-1101. |

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| EXAMINER V. Nguyen | DATE CONSIDERED 12/5/07 |
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 501147.02 (30119/US/2) | APPLICATION NO. 10/712,851 |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Shane Ching-Feng Hu | |
| | | FILING DATE November 12, 2003 | GROUP ART UNIT 2818 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|----------|-------|----------|-------------------------------|
| W | AA | 6,166,938 | 12/26/00 | Wong | 365 | 49 | — |
| W | AB | 2004/0136216 A1 | 07/15/04 | Yamagata | 365 | 49 | — |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
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FOREIGN PATENT DOCUMENTS

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| EXAMINER <i>V. Nguyen</i> | DATE CONSIDERED <i>12/5/04</i> |
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